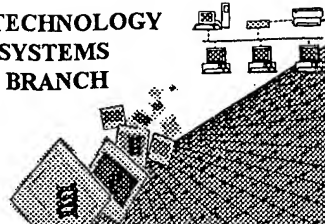


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/009,705A
Source: Pg 10
Date Processed by STIC: 7/25/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,705A

DATE: 07/25/2002

TIME: 11:19:02

Input Set : A:\seilpct-US-seqp-neu.txt

Output Set: N:\CRF3\07252002\J009705A.raw

**Does Not Comply
Corrected Diskette Needed**

2 <110> APPLICANT: Ruprecht-Karls-Universit,t Heidelberg
 4 <120> TITLE OF INVENTION: Method for the specific detection and identification
 5 of retroviral nucleic acids/retroviruses in a specimen
 7 <130> FILE REFERENCE: seilpct-US
 9 <140> CURRENT APPLICATION NUMBER: US/10/009,705A
 10 <141> CURRENT FILING DATE: 2002-05-28
 12 <150> PRIOR APPLICATION NUMBER: DE 199 21 419.0
 13 <151> PRIOR FILING DATE: 1999-05-08
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 18
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapiens
 W--> 23 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 W--> 23 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 24 <223> OTHER INFORMATION: primer sequence allows amplification of reverse
 25 transcriptase-related sequences by multiplex PCR
 27 <400> SEQUENCE: 1
 W--> 28 aragtmytdy chcmrggh 18
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 18
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Homo sapiens
 W--> 35 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 W--> 35 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 36 <223> OTHER INFORMATION: primer sequence allows amplification of reverse
 37 transcriptase-related sequences by multiplex PCR
 39 <400> SEQUENCE: 2
 W--> 40 nvdmdkdtia tcmayrwa 18
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 21
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Homo sapiens
 W--> 47 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 W--> 47 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
 48 <223> OTHER INFORMATION: primer sequence allows amplification of reverse
 49 transcriptase-related sequences by multiplex PCR
 51 <400> SEQUENCE: 3
 52 tkkammskvy trcyhcargg g 21
 55 <210> SEQ ID NO: 4
 56 <211> LENGTH: 21
 57 <212> TYPE: DNA

*Per 1.823 of Sequence Rules, do not
insert a response to <220>. <220> is
a "header"
only. Explain
<213> response
on <223>
line.*

see p.3 for explanation

same error

see p.3 for explanation

same

RAW SEQUENCE LISTING

DATE: 07/25/2002

PATENT APPLICATION: US/10/009,705A

TIME: 11:19:02

Input Set : A:\seilpct-US-seqp-neu.txt

Output Set: N:\CRF3\07252002\J009705A.raw

58 <213> ORGANISM: Homo sapiens
W--> 59 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
W--> 59 <220> FEATURE: highly degenerate artificial oligonucleotide sequence
60 <223> OTHER INFORMATION: primer sequence allows amplification of reverse
61 transcriptase-related sequences by multiplex PCR
63 <400> SEQUENCE: 4
64 mdvhdrbmdk ymayvyahkk a

21

same error

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/009,705A

DATE: 07/25/2002
TIME: 11:19:03

Input Set : A:\seilpct-US-seqp-neu.txt
Output Set: N:\CRF3\07252002\J009705A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 6
Seq#:2; N Pos. 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/009,705A

DATE: 07/25/2002

TIME: 11:19:03

Input Set : A:\seilpct-US-seqp-neu.txt

Output Set: N:\CRF3\07252002\J009705A.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:283 W: Missing Blank Line separator, <220> field identifier
L:23 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:28 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:1
L:28 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1
L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:35 M:283 W: Missing Blank Line separator, <220> field identifier
L:35 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:40 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2
L:40 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:47 M:283 W: Missing Blank Line separator, <220> field identifier
L:47 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:59 M:283 W: Missing Blank Line separator, <220> field identifier
L:59 M:256 W: Invalid Numeric Header Field, <220> has non-blank data